

111.4 - Clays (powder form)

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

(Concentrations are in mass fractions, in %, unless noted by an asterisk for mg/kg)

SRM	Description	Unit of Issue	Aluminum	Antimony	Barium	Calcium	Cerium	Cesium	Chromium	Cobalt	Europium	Hafnium	Iron	Lithium	Loss on Ignition	Magnesium
97b	Flint Clay	60 g	20.76	(2.2)*	(0.018)	0.0249		(3.4)*	227*	(3.8)*	(0.84)*	(13)*	0.831	550*	13.3	0.113
98b	Plastic Clay	60 g	14.30	(1.6)*	(0.07)	0.0759		(16.5)*	119*	(16.3)*	(1.3)*	(7.2)*	1.18	215*	7.5	0.358
679	Brick Clay	75 g	11.01		0.0432	0.1628	(105)*	(9.6)*	109.7*	(26)*	(1.9)*	(4.6)*	9.05	71.7*		0.7552

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Manganese
47*
116*
(1730)*

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SRM	Description	Unit of Issue	Phosphorus	Potassium	Rubidium	Scandium	Silicon	Sodium	Strontium	Thorium	Titanium	Zinc	Zirconium
97b	Flint Clay	60 g	(0.02)	0.513	(33)*	(22)*	19.81	0.0492	84*	(36)*	1.43	(87)*	(0.05)
98b	Plastic Clay	60 g	(0.03)	2.81	(180)*	(22)*	26.65	0.1496	189*	(21)*	0.809	(110)*	(0.022)
679	Brick Clay	75 g	(0.075)	2.433	(190)*	(22.5)*	24.34	0.1304	73.4*	(14)*	0.577	(150)*	

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